

GP 1652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

BERRY et al.

Serial No.: 09/341,600

Filed: January 14, 1998

Atty. File No.: 3161-18-PUS

For: "PROCESS FOR PRODUCTION OF
N-GLUCOSAMINE"



Group Art Unit: 1652

Examiner: Fronda, C.

RESPONSE

CERTIFICATE OF MAILING

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SHERIDAN ROSS P.C.

BY: Christine Jacquet

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This Response is filed in response to an Office Action having a mailing date of July 20, 2000. This response is believed to be timely and therefore, no fees are enclosed. In the event that fees are due in connection with this response, please debit Deposit Account No. ~~19~~-1970.

Please reconsider the above-identified patent application as follows.

REMARKS

1.0 Rejection of Claims 1-6, 8, 14-16, 18 and 21 Under 35 U.S.C. § 103(a):

The Examiner has rejected Claims 1-6, 8, 14-16, 18 and 21 under 35 U.S.C. § 103(a), contending that these claims are unpatentable over Dutka-Malen et al. in view of O'Shea et al. Specifically, the Examiner contends that Dutka-Malen et al. teach the *E. coli* glucosamine synthase gene, a recombinant vector containing transcriptional control sequence and said gene, transformation of *E. coli* host cells with said recombinant vector, culturing of the transformed *E. coli* host cell and overexpression and purification of the recombinant enzyme. The Examiner admits that Dutka-Malen et al. do not teach a method for producing glucosamine according to Claims 1-6, 8, 14-16, 18 and 21, but asserts that O'Shea et al. teach isolating glucosamine-6-

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